

CDR L1			CDR L2		
2SD4 VL DIQMTQSPSSLSASIGDRVITC	RASQGIRNYLA	WYQQKPGKAPKLLIY	AASTLQS		
EP B12	.....	.....	.....		
VL10E4	.....	.....	.....		
VL100A9	.....	.....	.....		
VL100D2	.....	.....	.....		
VL10F4	.....	.....	.....		
LOE5	.....	.....	.....		
VLL0F9	.....	.....	.....		
VLL0F10	.....	.....	.....		
VLOG7	.....	.....	.....		
VLOG9	.....	.....	.....		
VLOH1	.....	.....	.....		
VLOH10	.....	.....	.....		
VLIB7	.....	.....	.....		
VLIC1	.....	.....	.....		
VLIC7	.....	.....	.....		
VLO.1F4	.....	.....	.....		
VLO.1H8	.....	.....	.....		
LOE7	.....	.....	.....		
LOE7.A	.....	.....	.....		
LOE7.T	.....	.....	.....		
D2E7 VL DIQMTQSPSSLSASVGDRTITC	RASQGIRNYLA	WYQQKPGKAPKLLIY	AASTLQS		
LD2E7*.A1	.....	.....	.....		
LD2E7*.A3	.....	.....	.....		
LD2E7*.A4	.....	.....	.....		
LD2E7*.A5	.....	.....	.....		
LD2E7*.A7	.....	.....	.....		
LD2E7*.A8	.....	.....	.....		

Figure 1A

CDR L3		123456789																										
2SD4 VL	GVP	S	R	F	S	G	S	G	T	D	F	T	L	T	I	S	S	L	Q	P	E	D	V	A	T	Y	Y	C
EP B12																												
VL10E4																												
VL100A9																												
VL100D2																												
VL10F4																												
LOE5																												
VLLOF9																												
VLLOF10																												
VLLOG7																												
VLLOG9																												
VLLOH1																												
VLLOH10																												
VL1B7																												
VL1C1																												
VL1C7																												
VL0.1F4																												
VL0.1H8																												
LOE7																												
LOE7.A																												
LOE7.T																												
D2E7 VL	GVP	S	R	F	S	G	S	G	T	D	F	T	L	T	I	S	S	L	Q	P	E	D	V	A	T	Y	Y	C
LD2E7*.A1																												
LD2E7*.A3																												
LD2E7*.A4																												
LD2E7*.A5																												
LD2E7*.A7																												
LD2E7*.A8																												

Figure 1B

**CDR H1**

2SD4 VH QVQLVESGGGLVQPGRSLRLSCAASGFTFD  
VH1B11 . . . . .  
VH1D8 . . . . .  
VH1A11 . . . . .  
VH1B12 . . . . .  
VH1-D2-  
VH1E4 . . . . .  
VH1F6 . . . . .  
VH1G1 . . . . .  
3C-H2 . . . . .  
VH1-D2.N . . . . .  
VH1-D2.Y . . . . .

```

D2E7 VH EVQLVESGGGLVQPPGRSLRLSCAASGFTFD
HD2E7*.A1 . . . . .
HD2E7*.A2 . . . . .
HD2E7*.A3 . . . . .
HD2E7*.A4 . . . . .
HD2E7*.A5 . . . . .
HD2E7*.A6 . . . . .
HD2E7*.A7 . . . . .
HD2E7*.A8 . . . . .
HD2E7*.A9 . . . . .

```

WV R Q A P G K G L D W V S

[illegible]

AITWNSGHIDYADSVEG

AITWNSCHIDYADSVGE

## Figure 2A

## CDR H3

[illegible]

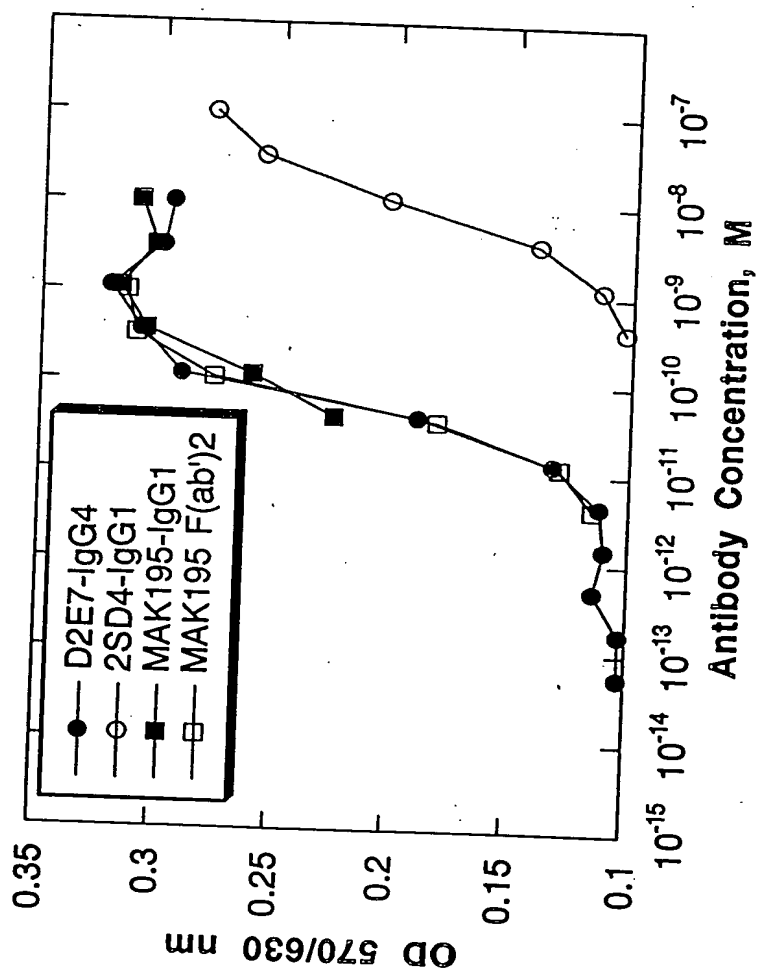


FIGURE 3

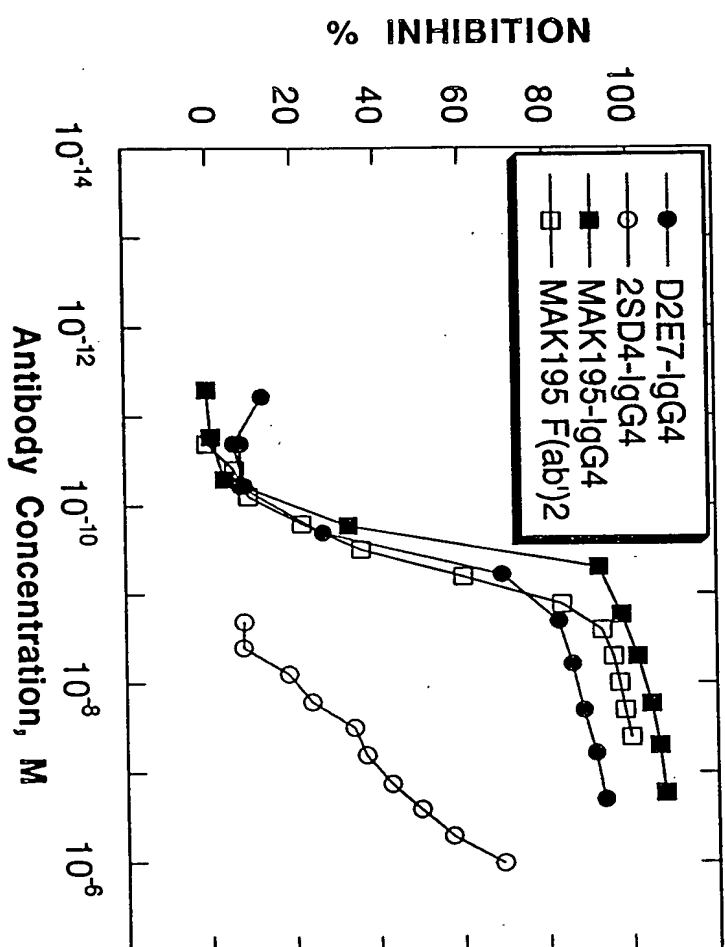


FIGURE 4

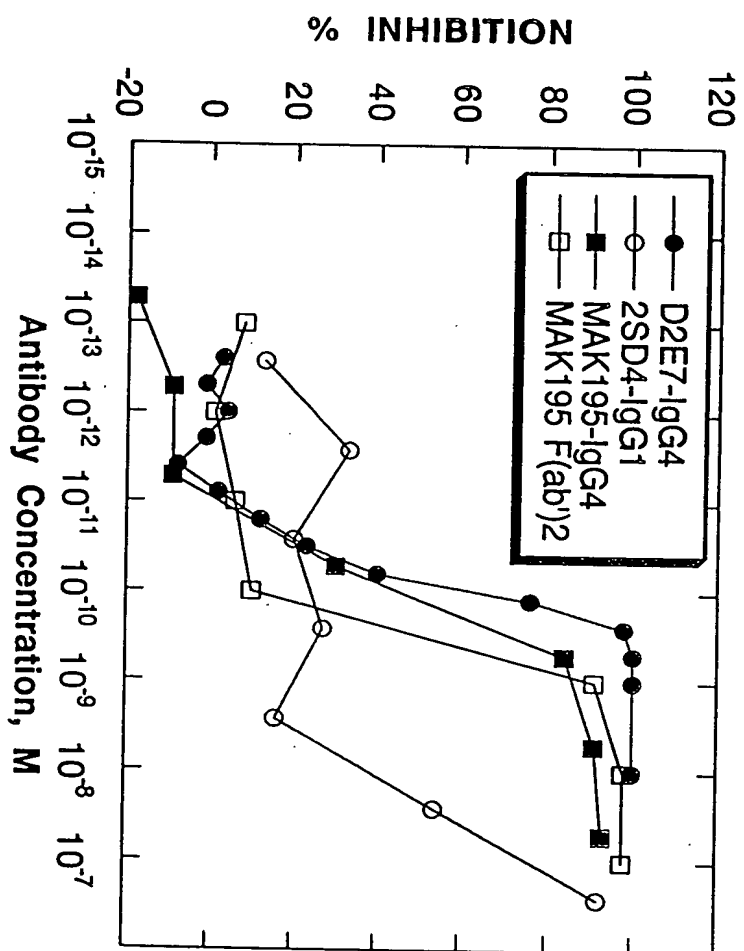


FIGURE 5

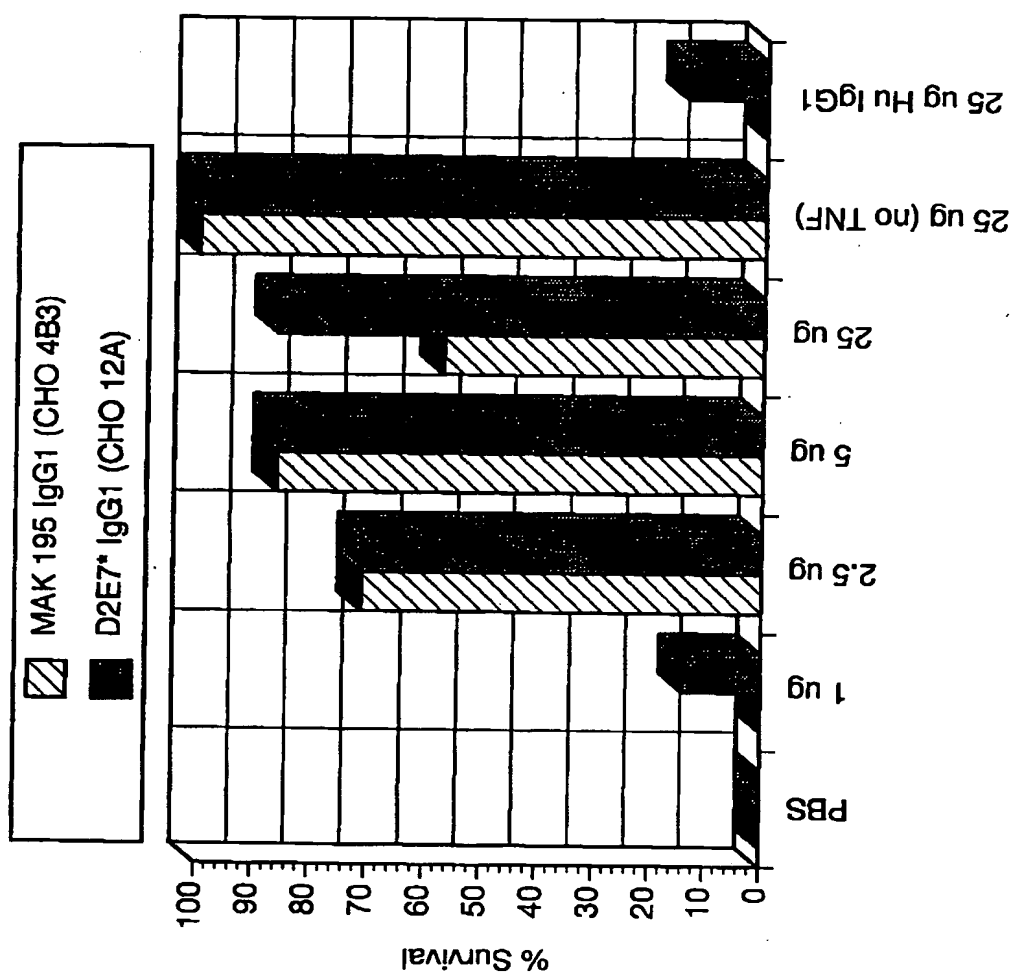


FIGURE 6



## D2E7 VL

GAC ATC CAG ATG ACC CAG TCT CCA TCC TCC CTG TCT GCA TCT GTA  
 D I Q M T Q S P S S L S A S V

## CDR L1

GGG GAC AGA GTC ACC ATC ACT TGT CGG GCA AGT CAG GGC ATC AGA  
 G D R V T I T C R A S O G I R

AAT TAC TTA GCC TGG TAT CAG CAA AAA CCA GGG AAA GCC CCT AAG  
N Y L A W Y Q Q K P G K A P K

## CDR L2

CTC CTG ATC TAT GCT GCA TCC ACT TTG CAA TCA GGG GTC CCA TCT  
 L L I Y A A S T L O S G V P S

CGG TTC AGT GGC AGT GGA TCT GGG ACA GAT TTC ACT CTC ACC ATC  
 R F S G S G S G T D F T L T I

AGC AGC CTA CAG CCT GAA GAT GTT GCA ACT TAT TAC TGT CAA AGG  
 S S L Q P E D V A T Y Y C Q R

## CDR L3

TAT AAC CGT GCA CCG TAT ACT TTT GGC CAG GGG ACC AAG GTG GAA  
Y N R A P Y T F G Q G T K V E

ATC AAA  
 I K

FIGURE 7

## D2E7 VH

GAG GTG CAG CTG GTG GAG TCT GGG GGA GGC TTG GTA CAG CCC GGC  
 E V Q L V E S G G G L V Q P G

AGG TCC CTG AGA CTC TCC TGT GCG GCC TCT GGA TTC ACC TTT GAT  
 R S L R L S C A A S G F T F D

## CDR H1

GAT TAT GCC ATG CAC TGG GTC CGG CAA GCT CCA GGG AAG GGC CTG  
D Y A M H W V R Q A P G K G L

## CDR H2

GAA TGG GTC TCA GCT ATC ACT TGG AAT AGT GGT CAC ATA GAC TAT  
E W V S A I T W N S G H I D Y

GCG GAC TCT GTG GAG GGC CGA TTC ACC ATC TCC AGA GAC AAC GCC  
A D S V E G R F T I S R D N A

AAG AAC TCC CTG TAT CTG CAA ATG AAC AGT CTG AGA GCT GAG GAT  
 K N S L Y L Q M N S L R A E D

## CDR H3

ACG GCC GTA TAT TAC TGT GCG AAA GTC TCG TAC CTT AGC ACC GCG  
T A V Y Y C A K V S Y L S T A

TCC TCC CTT GAC TAT TGG GGC CAA GGT ACC CTG GTC ACC GTC TCG  
S S L D Y W G Q G T L V T V S

AGT  
 S

FIGURE 8